

AMENDMENTS TO THE CLAIMS

Claims previously submitted:

1. Claims 1 – 46. (Canceled)
47. (Currently amended) A gasoline additive comprising:
 - a plant oil extract selected from the group consisting of hops oil extract, fescue oil extract, barley oil extract, green clover oil extract, wheat oil extract and mixtures thereof;
 - a carotenoid; and
 - a thermal stabilizer.
48. (Previously presented) The additive of claim 47 wherein the carotenoid is selected from the group consisting of β -carotene, α -carotene, lycopene, leutin, betatene and mixtures thereof.
49. (Previously presented) The additive of claim 47, wherein the thermal stabilizer is selected from the group consisting of vegetable oils, nut oils, animal oils and mixtures thereof.
50. (Previously presented) The additive of claim 47 wherein the plant oil extract is derived from barley and the carotenoid is β -carotene.
51. (Previously presented) The additive of claim 47 wherein the thermal stabilizer is meadowfoam oil.
52. (Previously presented) The additive of claim 47 further comprising a diluent.
53. (Previously presented) The additive of claim 47 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes,

nonanes, gasoline, jet fuel, gasoline, 2 cycle oil, resid fuel and mixtures thereof.

54. (Previously presented) The additive of claim 47 further comprising at least one additive selected from the group selected from octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
55. (Canceled)
56. (Previously presented) A gasoline comprising a base fuel and at least one additive wherein the additive comprises:
 - a plant oil extract derived from grain;
 - a carotenoid; and
 - a thermal stabilizer.
57. (Previously presented) The gasoline of claim 56, wherein the grain is selected from the group consisting of fescue, clover, wheat, barley, oats, rye, sorghum, flax, triticale, rice, corn, spelt, millet, amaranth, buckwheat, quinoa, kamut and teff.
58. (Previously presented) The gasoline of claim 55 wherein the carotenoid is selected from the group consisting of β -carotene, α -carotene, lycopene, leutin, betatene and mixtures there of.
59. (Previously presented) The gasoline of claim 56, wherein the thermal stabilizer is selected from the group consisting of vegetable oils, nut oils, animal oils and mixtures thereof.

60. (Previously presented) The gasoline of claim 56 wherein the plant oil extract is derived from barley and the carotenoid is β -carotene.
61. (Previously presented) The gasoline of claim 56 wherein the thermal stabilizer is meadowfoam oil.
62. (Previously presented) The gasoline of claim 56 further comprising a diluent.
63. (Previously presented) The gasoline of claim 56 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, gasoline, 2 cycle oil and resid fuel and mixtures thereof.
64. (Previously presented) The gasoline of claim 56 further comprising at least one additive selected from the group selected from octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
65. (Canceled)
66. (Previously presented) A gasoline comprising a base fuel and at least one additive wherein the additive comprises:
 - a hydrophobic plant oil extract;
 - a carotenoid; and

a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil and mixtures thereof.

67. (Previously presented) The gasoline of claim 66 wherein the plant oil extract is derived from a member of the Leguminosae family.
68. (Previously presented) The gasoline of claim 66 wherein the plant oil extract is derived from grain.
69. (Previously presented) The gasoline of claim 66 further comprising a diluent.
70. (Previously presented) The gasoline of claim 66 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, gasoline, 2 cycle oil and resid fuel and mixtures thereof.
71. (Previously presented) The gasoline of claim 66 further comprising at least one additive selected from the group selected from octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.
72. (Previously presented) The gasoline of claim 66, wherein the carotenoid is selected from the group consisting of β -carotene, α -carotene, lycopene, leutin, betatene and mixtures there of.
73. (Previously presented) The gasoline of claim 66 wherein the plant oil extract is barley oil extract, the carotenoid is β -carotene.

74. (Previously presented) A gasoline comprising a base feed and at least one additive wherein the additive comprises:
 - a plant oil extract selected from the group consisting of hops oil extract, fescue oil extract, barley oil extract, green clover oil extract, wheat oil extract and mixtures thereof;
 - a carotenoid; and
 - a thermal stabilizer.
75. (Previously presented) The gasoline of claim 74 wherein the carotenoid is selected from the group consisting of β -carotene, α -carotene, lycopene, leutin, betatene and mixtures thereof.
76. (Previously presented) The gasoline of claim 74, wherein the thermal stabilizer is selected from the group consisting of vegetable oils, nut oils, animal oils and mixtures thereof
77. (Previously presented) The gasoline of claim 74 wherein the plant oil extract is derived from barley and the carotenoid is β -carotene.
78. (Previously presented) The gasoline of claim 74 wherein the thermal stabilizer is meadowfoam oil.
79. (Previously presented) The gasoline of claim 74 further comprising a diluent.
80. (Previously presented) The gasoline of claim 74 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, gasoline, 2 cycle oil and resid fuel and mixtures thereof.
81. (Previously presented) The gasoline of claim 80 further comprising at least one additive selected from the group selected

from octane improvers, cetane improvers, detergents, corrosion inhibitors, metal deactivators, ignition accelerators, dispersants, anti-knock additives, anti-run-on additives, anti-pre-ignition additives, anti-misfire additives, anti-wear additives, antioxidants, demulsifiers, carrier fluids, solvents, fuel economy additives, emission reduction additives, lubricity improvers, oxygenates and mixtures thereof.

82. (Canceled)
83. (New) A gasoline additive comprising:
 - a plant oil extract derived from barley;
 - β -carotene;and a thermal stabilizer.
84. (New) The additive of claim 83 wherein the thermal stabilizer comprises meadowfoam oil.
85. (New) The additive of claim 83 further comprising a diluent.
86. (New) The additive of claim 83 further comprising a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, diesel fuel, 2-cycle oil, resid fuel and mixtures thereof.
87. (New) A gasoline additive comprising:
 - a hydrophobic plant oil extract;
 - a carotenoid;
 - a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil, and mixtures thereof, and a diluent.

88. (New) The additive of claim 87 wherein the plant oil extract is derived from barley and the carotenoid is β -carotene.
89. (New) The additive of claim 87 further comprising meadowfoam oil
90. (New) A gasoline additive comprising:
 - a hydrophobic plant oil extract;
 - a carotenoid;
 - a thermal stabilizer selected from the group consisting of peanut oil, cottonseed oil, rape seed oil, macadamia oil, avocado oil, palm oil, palm kernel oil, meadowfoam oil, and mixtures thereof; and
 - a solvent selected from the group consisting of toluene, benzene, o-xylene, m-xylene, p-xylene, cyclohexanes, hexane, octanes, nonanes, gasoline, jet fuel, diesel fuel, 2-cycle oil, resid fuel and mixtures thereof.
91. (New) The additive of claim 90 wherein the plant oil is derived from barley and the carotenoid is β -carotene.
92. (New) The additive of claim 90 further comprising meadowfoam oil.